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PATENT

Attorney Docket No.: 020366-077410US

Client Ref. No.: 1774

On January 19, 2005

TOWNSEND and TOWNSEND and CREW LLP

By:   
Anna C. Kundel

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

CERAMI et al.

Application No.: 09/921,294

Filed: August 1, 2001

For: PERFORMANCE MODELING IN  
A VDSL NETWORK

Customer No.: 20350

Confirmation No. 5648

Examiner: Lashonda T. Jacobs

Technology Center/Art Unit: 2157

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

01/27/2005 MWOLDGE1 00000006 201430 09921294  
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Sir:

In response to the Office Action mailed October 20, 2004, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 9 of this paper.

An **Appendix** including amended drawing figures is attached following page 12 of this paper.